

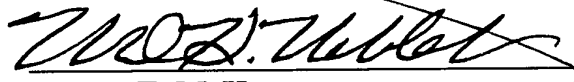
REMARKS

Entry of the foregoing amendments prior to the examination of the present application, and approval of the attached drawing changes, is respectfully requested.

If there are any questions regarding this amendment or the application in general, a telephone call to the undersigned would be appreciated since this should expedite the prosecution of the application for all concerned.

If necessary to effect a timely response, this paper should be considered as a petition for an Extension of Time sufficient to effect a timely response, and please charge any deficiency in fees or credit any overpayments to Deposit Account No. 05-1323 (Docket #029118.53314US).

Respectfully submitted,



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P05716

FIG. 2

Operation Mode	Power Efficiency	Heat/Power Ratio
Homogeneous Charge MB Premixing Compression And Ignition Combustion Mode	45	$b = 0.78$
MC Spark Ignition Combustion Mode	30	$c = 1.67$
Retard of Spark Ignition MD Ignition Time Retard Combustion Mode	10	$d = 7.00$

FIG. 3

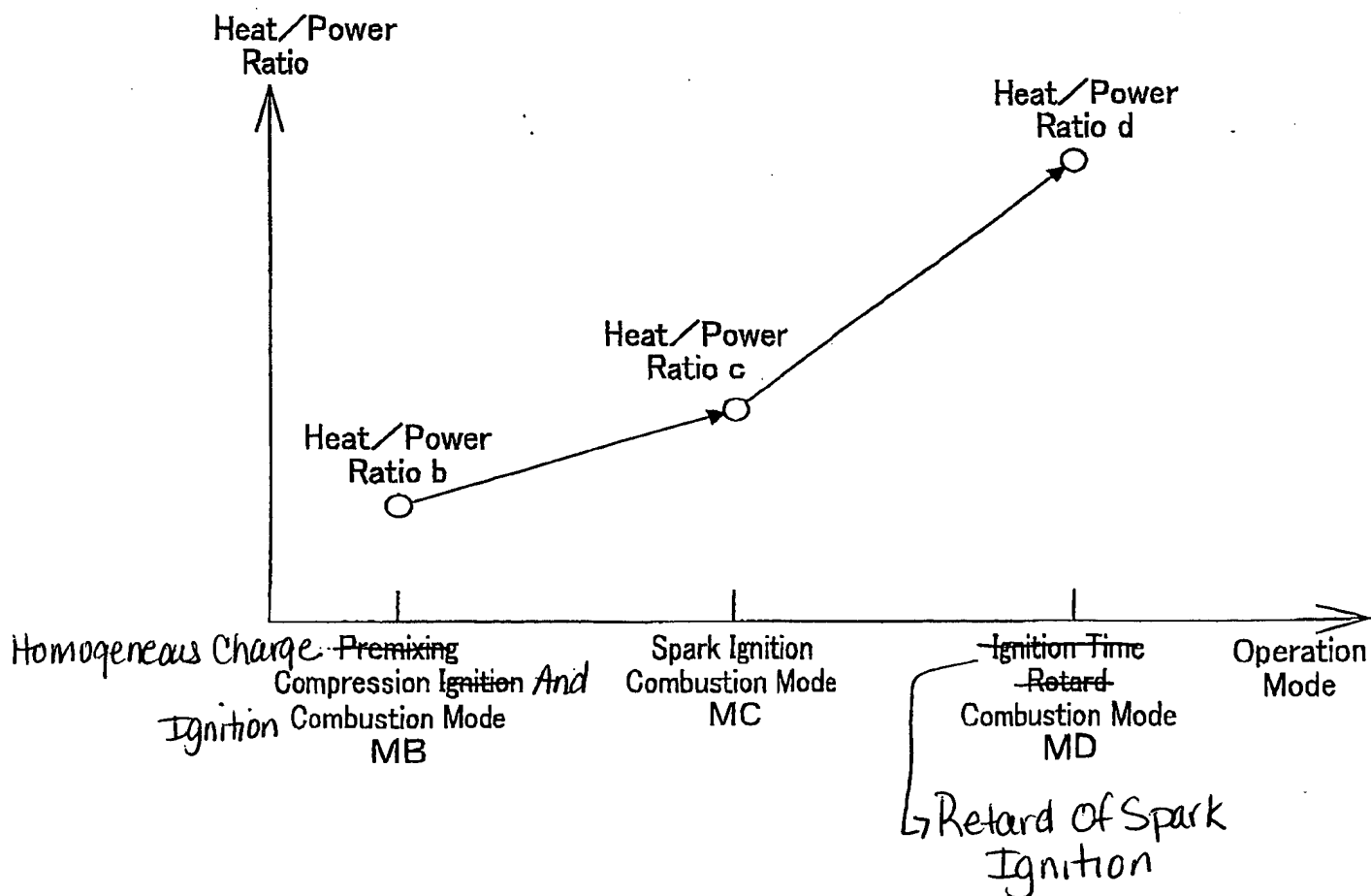


FIG. 4

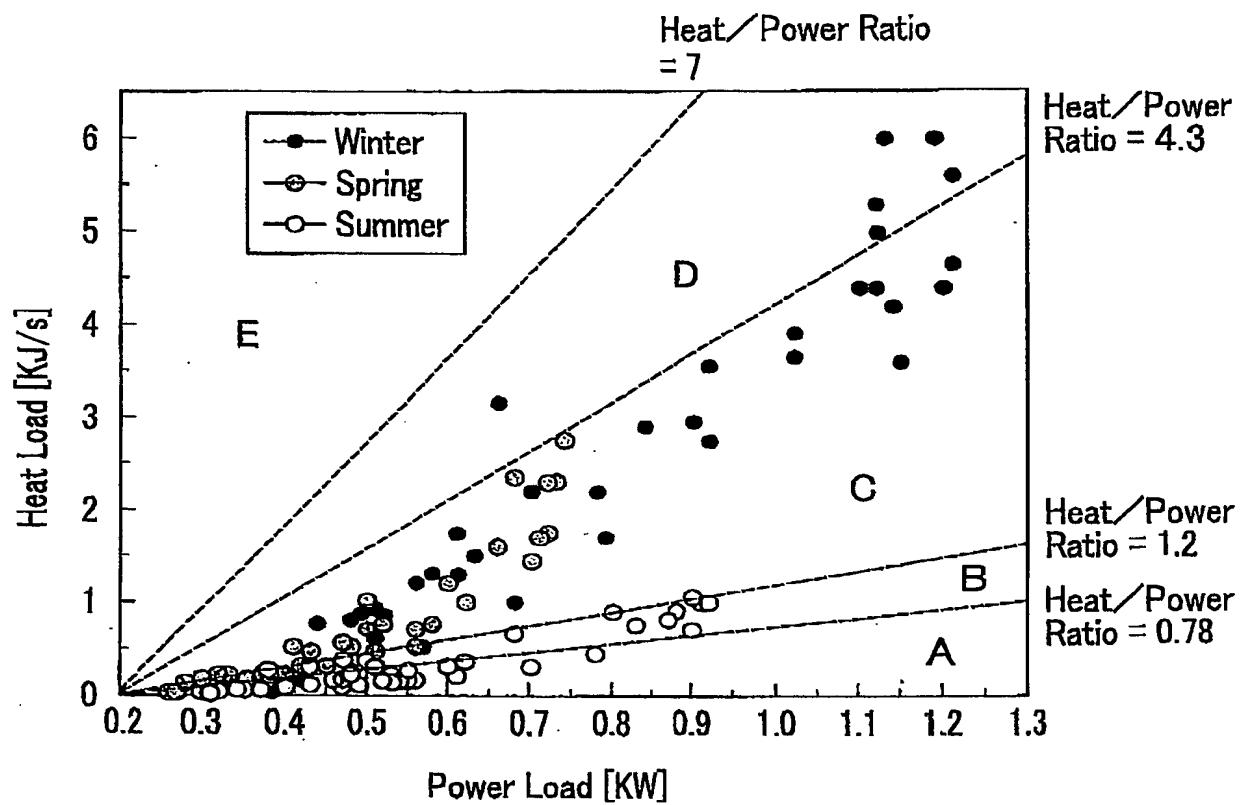


FIG. 5

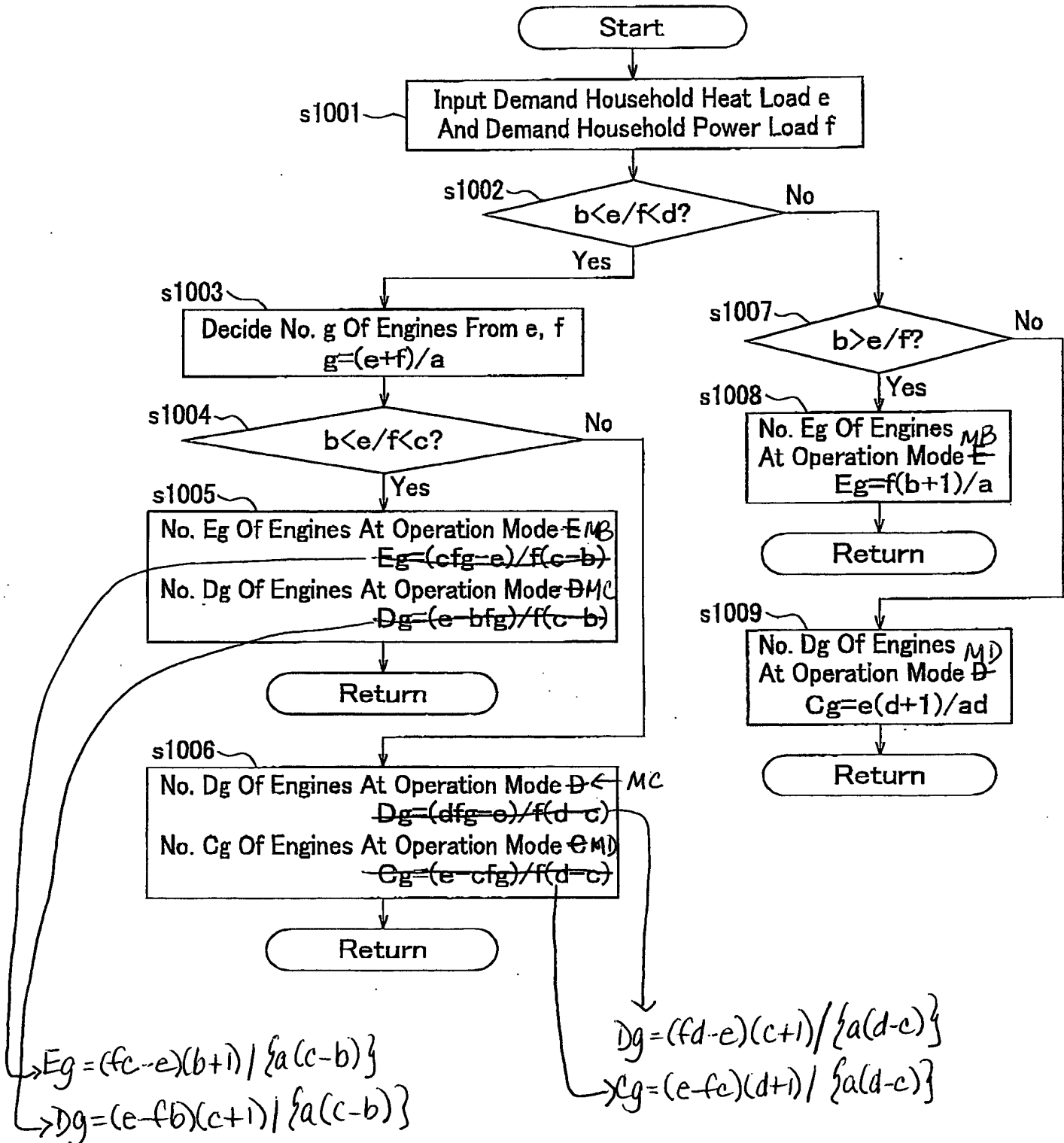


FIG. 8

Start

s1201 Input No. H Of Engines, Which Can ^{MB} Be Operated At The Operation Mode ~~E~~

s1202 Input Present Heat Load E And Power Load F

s1203 $b < e/f < d?$

Yes

No

s1204 $b < e/f < c?$

No

Yes

s1205 $(efg - e)/f(e - b) < h?$

No

Yes

No. Eg Of Engines At Operation Mode ~~E~~ ^{MB}
 ~~$Eg = (efg - e)/f(e - b)$~~
 No. Dg Of Engines At Operation Mode ~~D~~ ^{MC}
 ~~$Dg = (e - bfg)/f(e - b)$~~

Return

s1207 No. Eg Of Engines At Operation Mode ~~E~~ ^{MB}
 $Eg = h$ ^{MC}
 No. Dg Of Engines At Operation Mode ~~D~~ ^{MC}
 $Dg = \{f - ah/(b+1)\}/\{a/(c+1)\}$

Return

s1208 No. Dg Of Engines At Operation Mode ~~D~~ ^{MC}
 ~~$Dg = (dfg - e)/f(d - e)$~~ ^{MD}
 No. Cg Of Engines At Operation Mode ~~C~~ ^{MD}
 ~~$Cg = (e - efg)/f(d - e)$~~

Return

s1209 $b > e/f?$

No

YES

s1210 $h > f(b+1)a?$

No

YES

No. Eg Of Engines At Operation Mode ~~E~~ ^{MB}
 $Eg = f(b+1)/a$

s1212 No. Eg Of Engines At Operation Mode ~~E~~ ^{MB}
 $Eg = h$ ^{MC}
 No. Dg Of Engines At Operation Mode ~~D~~ ^{MC}
 $Dg = \{f - ah/(b+1)\}/\{a/(c+1)\}$

Return

s1213 No. Cg Of Engines At Operation Mode ~~C~~ ^{MD}
 $Cg = e(d+1)/ad$

Return

$$(fc - e)(b+1)/a\{c-b\} > h?$$

$$Dg = (e - fb)(c+1)/\{a(c-b)\}$$

$$Dg = (fd - e)(c+1)/\{a(d-c)\}$$

$$Cg = (e - fc)(d+1)/\{a(d-c)\}$$